HCD-S400

SERVICE MANUAL

AEP Model
UK Model

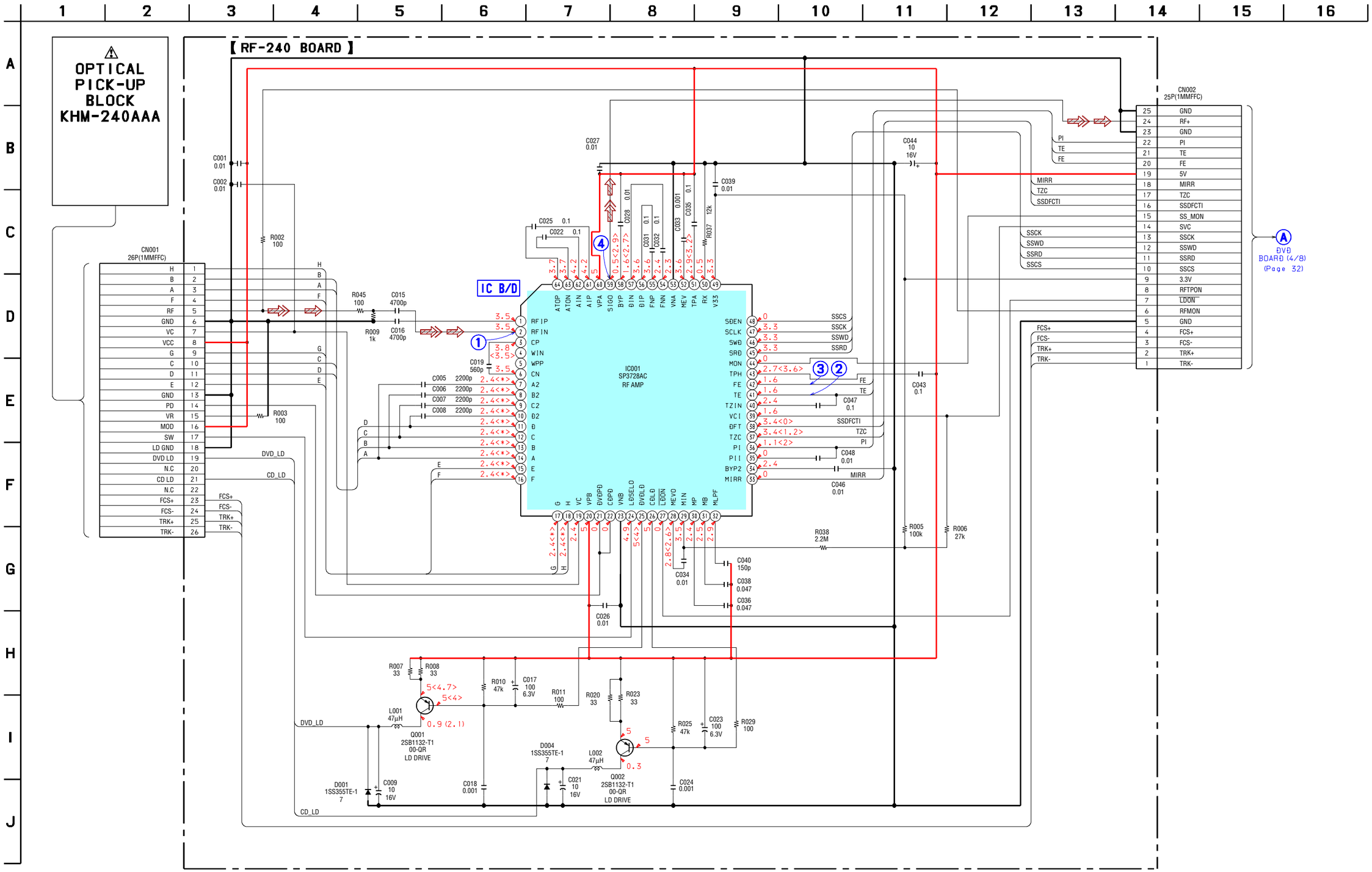
Ver 1.1 2002.12

HCD-S400 is the amplifier, DVD/CD and tuner section in DAV-S400.

SCHEMA99

http://servis-manual.com/

6-4. SCHEMATIC DIAGRAM – RF-240 SECTION –



6-6. SCHEMATIC DIAGRAM – DVD (1/8) SECTION –

【 DVD BOARD 】(1/8)

IC B/D

IC606 LC89056W DIGITAL AUDIO I/F RECEIVER

IC612 CXD9633Q DIGITAL AUDIO PROCESSOR

IC607 CXD9617R AUDIO DSP

IC604 IS61LV6416-15T SRAM

X600 12.288M

X601 12.5MHz

FL605 0UH

FL606 0UH

FL603 0UH

FL604 0UH

L602 10µH

FB003 0µH

SPDIF

DOUT

DIN

XMCK

DA03V

DGND

2.6V B7

DIR AUDIO

SCK

LRCKO

BCKO

D3

D2

D1

DGND

DGND

6.5V

CN001 12P(1MMFFC)

DVD BOARD (3/8) (Page 31)

DVD BOARD (4/8) (Page 32)

DVD BOARD (2/8) (Page 30)

DVD BOARD (2/8) (Page 30)

DVD BOARD (2/8) (Page 30)

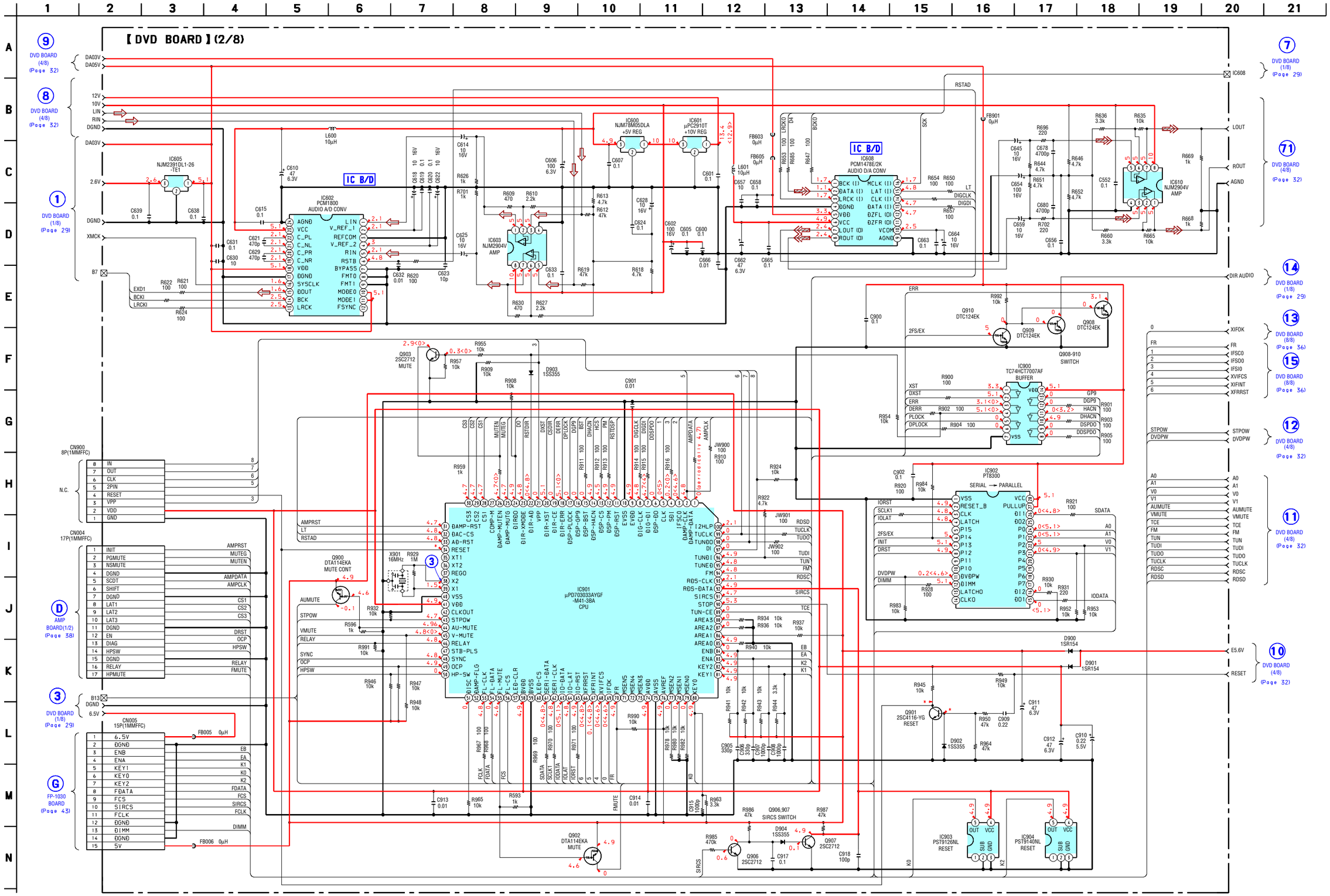
DVD BOARD (5/8) (Page 33)

AMP BOARD(1/2) (Page 38)

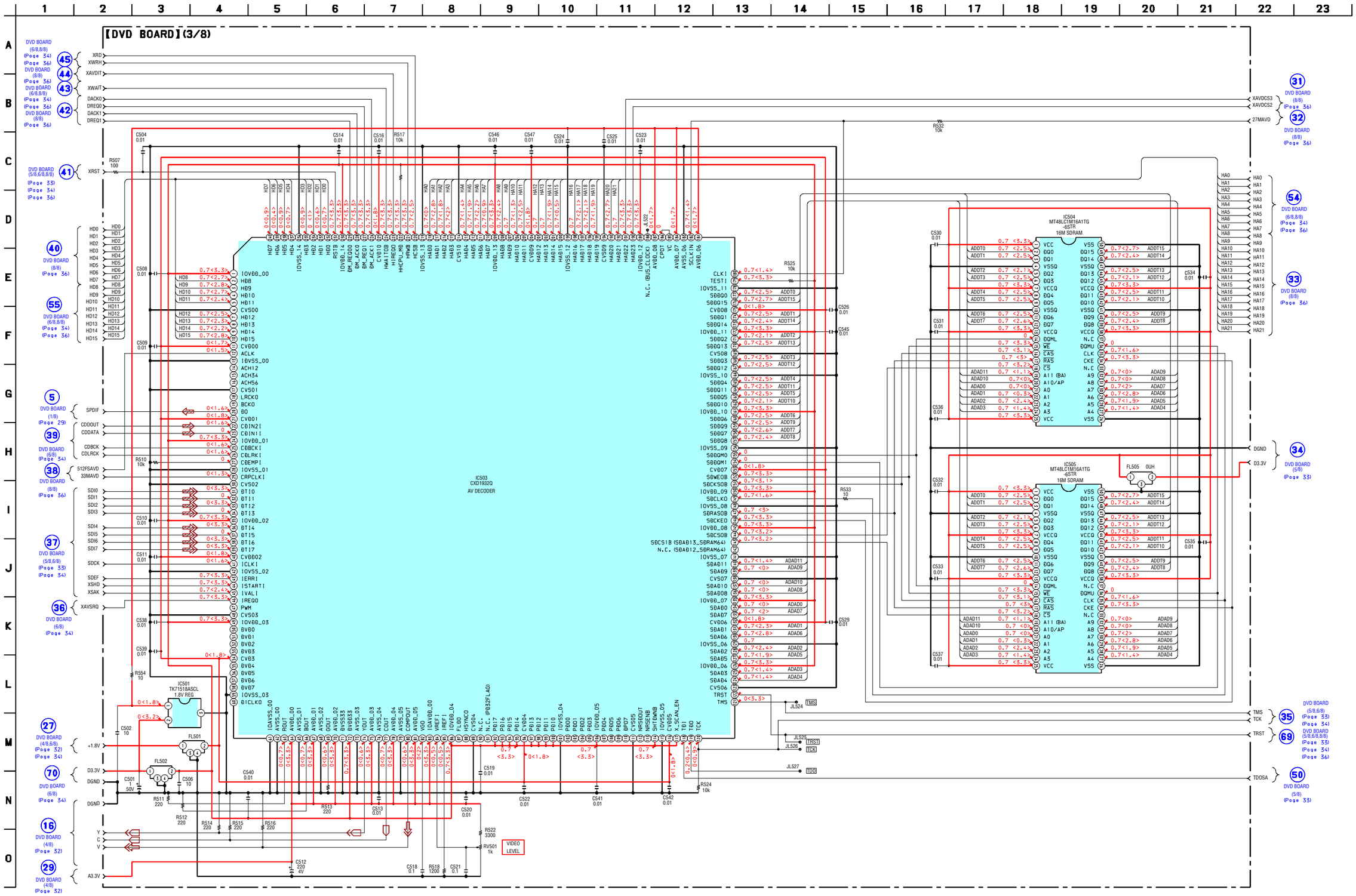
DVD BOARD (2/8) (Page 30)

DVD BOARD (4/8) (Page 32)

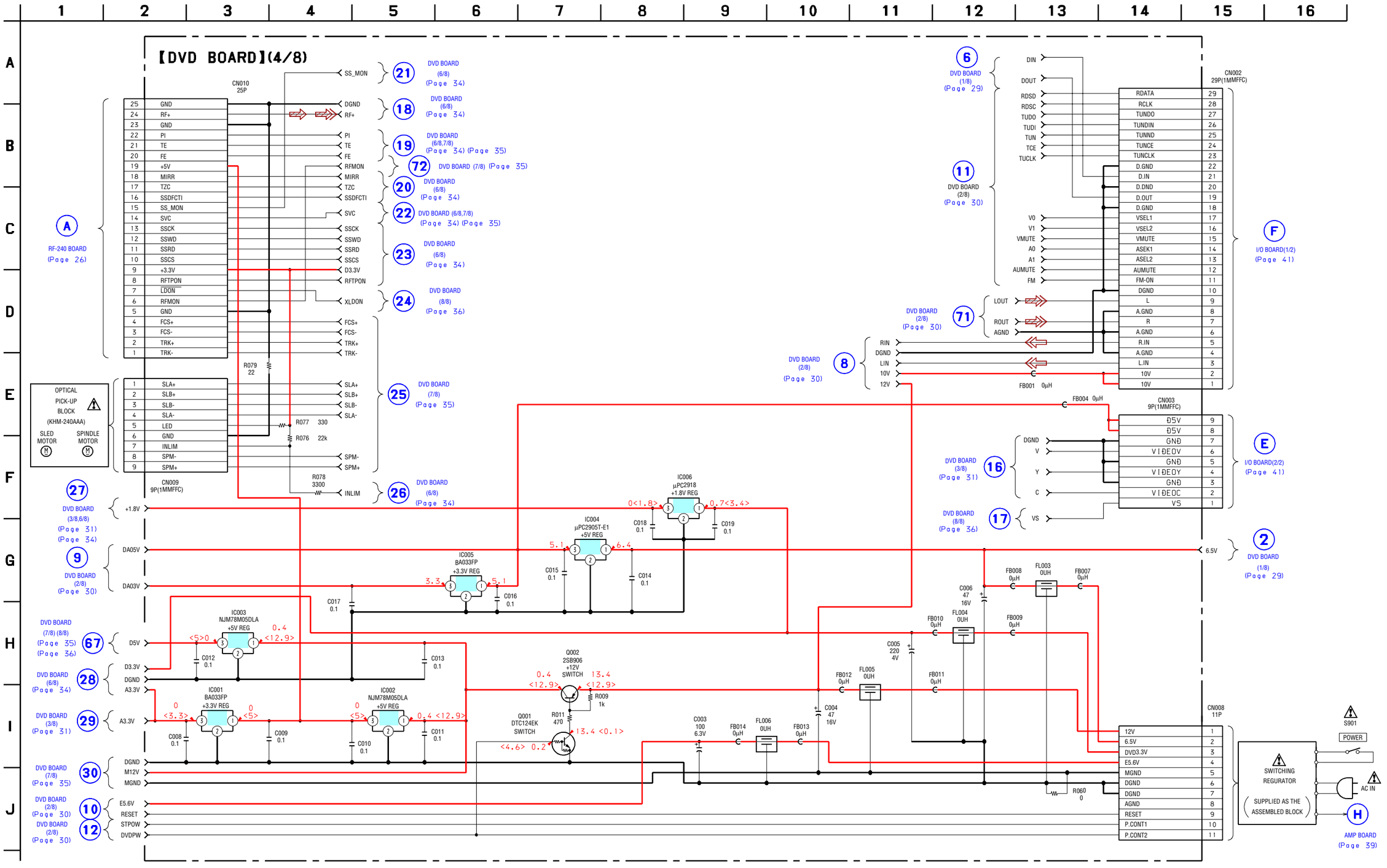
6-7. SCHEMATIC DIAGRAM – DVD (2/8) SECTION –


【 DVD BOARD 】(2/8)
IC B/D
IC602 PCM1800 AUDIO A/D CONV
IC605 NJM2391DL1-26 -TE1
IC600 NJM78M05DLA +5V REG
IC601 µPC2910T +10V REG
IC603 NJM2904V AMP
IC608 PCM1478E/2K AUDIO D/A CONV
IC610 NJM2904V AMP
IC901 µPD703033AYGF -M41-3BA CPU
IC900 TC74HCT7007AF BUFFER
IC902 PT8300 SERIAL → PARALLEL
IC903 PST9126NL RESET
IC904 PST9140NL RESET
Q900 DTA114EKA MUTE CONT
Q901 2SC4116-YG RESET
Q902 DTA114EKA MUTE
Q903 2SC2712 MUTE
Q906 2SC2712
Q907 2SC2712
Q908-910 SWITCH
Q909 DTC124EK
Q910 DTC124EK
SWITCH
SRCS SWITCH
CN900 8P(1MMFFC)
CN004 17P(1MMFFC)
CN005 15P(1MMFFC)
DVD BOARD (4/8) (Page 32)
DVD BOARD (1/8) (Page 29)
AMP BOARD(1/2) (Page 38)
FP-1030 BOARD (Page 43)
DVD BOARD (8/8) (Page 36)
DVD BOARD (4/8) (Page 32)
DVD BOARD (1/8) (Page 29)
DVD BOARD (1/8) (Page 29)
DVD BOARD (4/8) (Page 32)
DVD BOARD (4/8) (Page 32)
DVD BOARD (8/8) (Page 36)
DVD BOARD (8/8) (Page 36)
DVD BOARD (4/8) (Page 32)
DVD BOARD (4/8) (Page 32)
DVD BOARD (4/8) (Page 32)
DVD BOARD (1/8) (Page 29)
DVD BOARD (1/8) (Page 29)
DVD BOARD (4/8) (Page 32)
DVD BOARD (4/8) (Page 32)
DVD BOARD (4/8) (Page 32

6-8. SCHEMATIC DIAGRAM – DVD (3/8) SECTION –

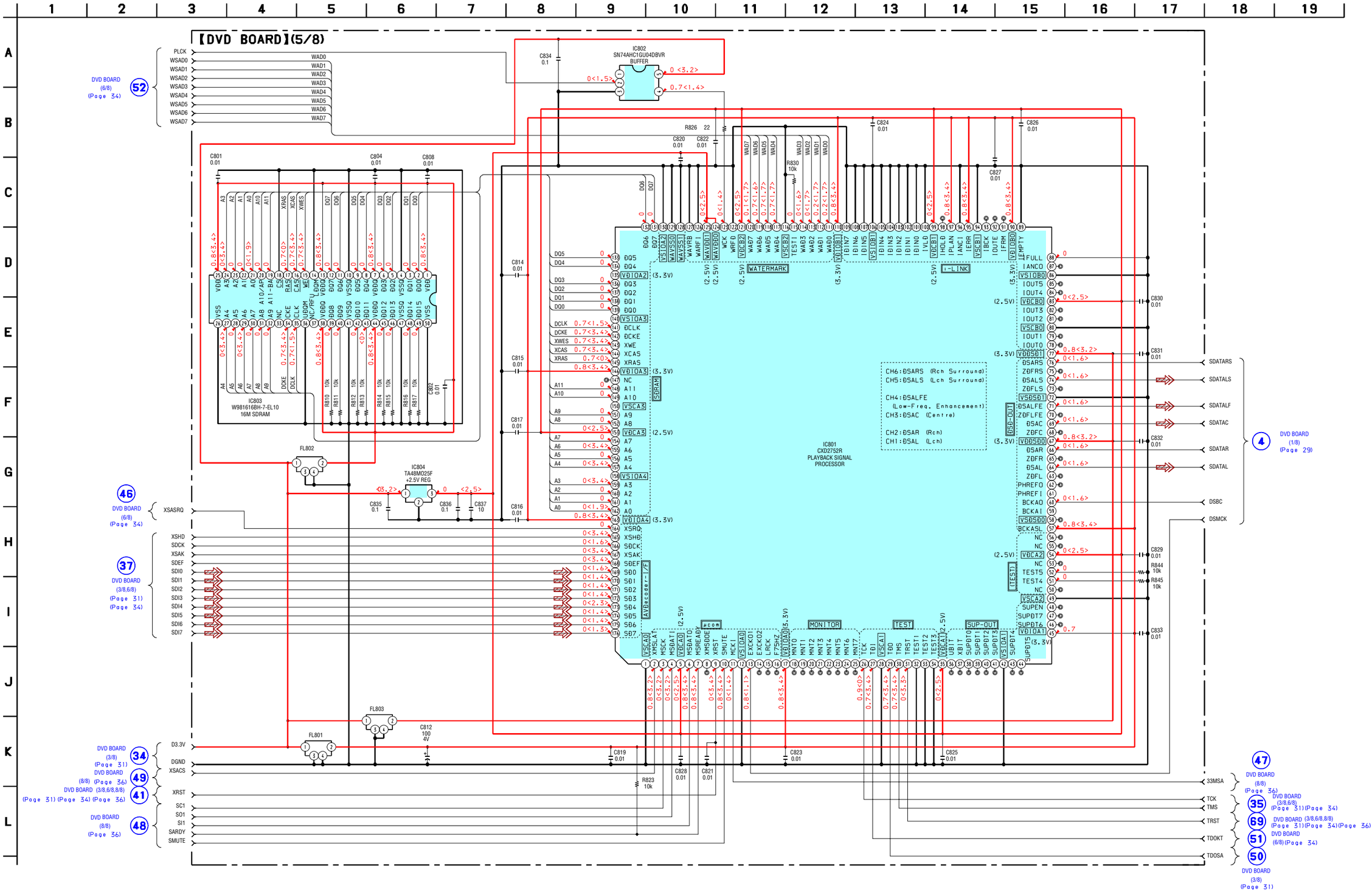


6-9. SCHEMATIC DIAGRAM – DVD (4/8) SECTION –



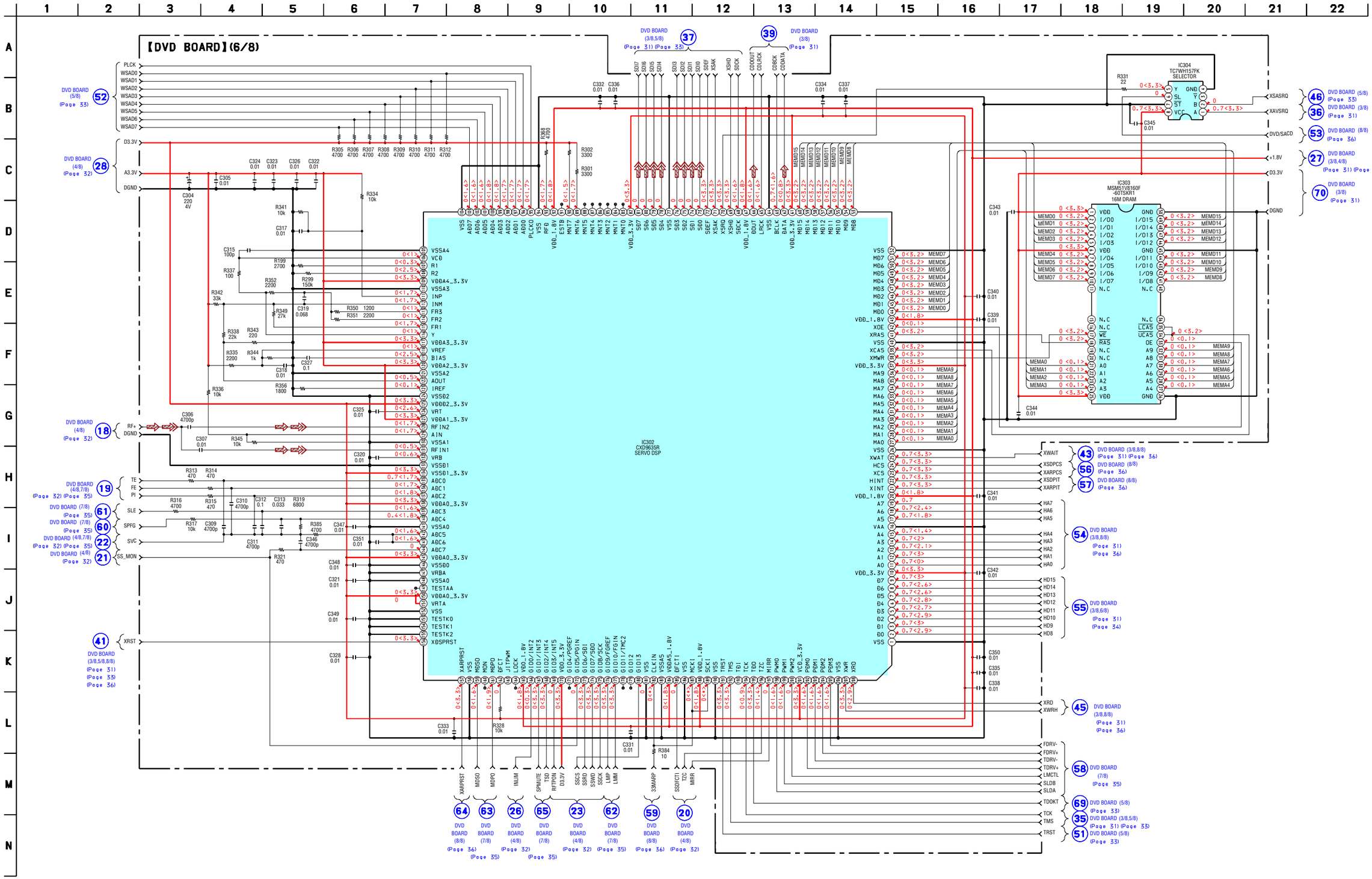
6-10. SCHEMATIC DIAGRAM – DVD (5/8) SECTION –

• See page 53 for IC Pin Function Description.

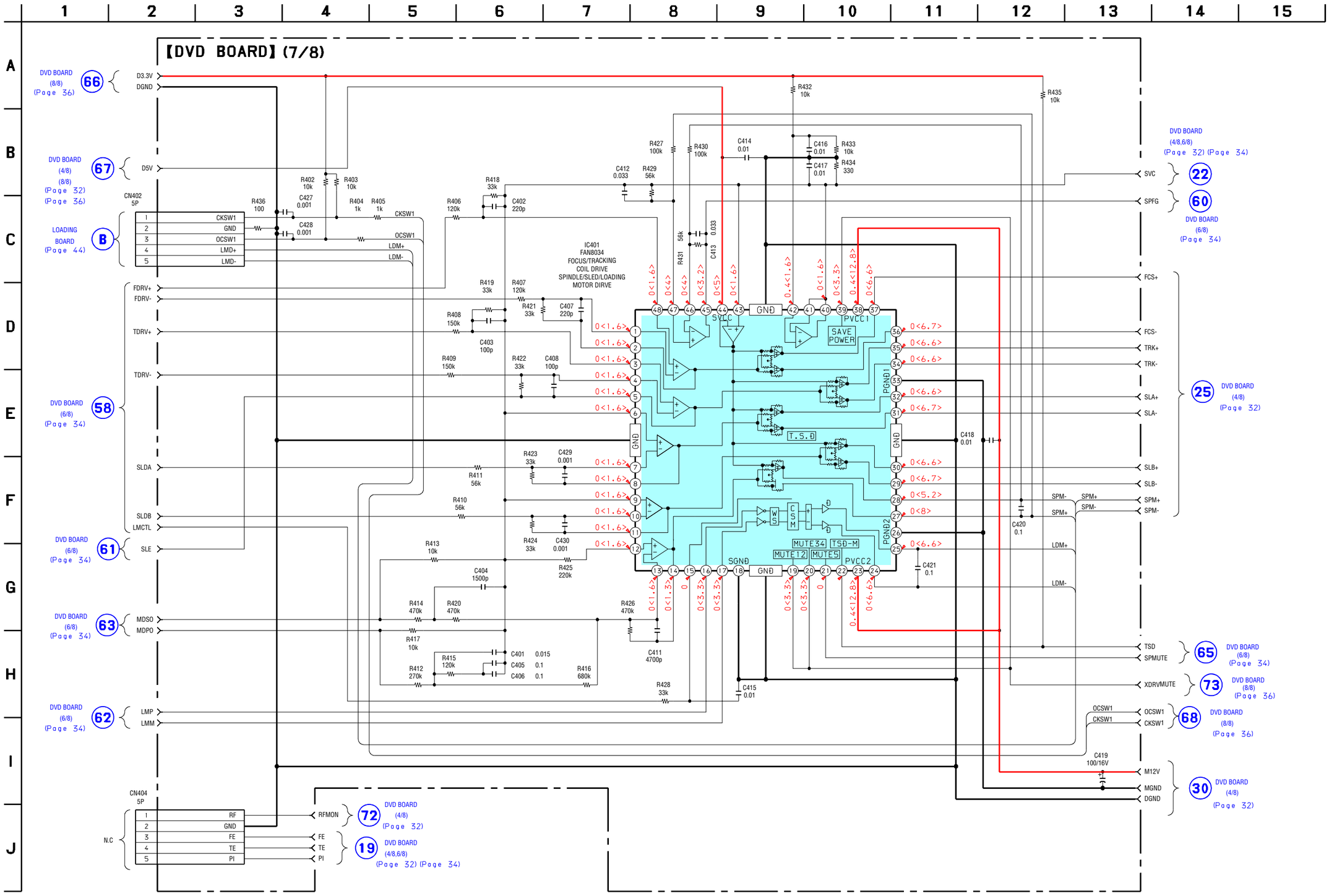


6-11. SCHEMATIC DIAGRAM – DVD (6/8) SECTION –

• See page 50 for IC Pin Function Description.

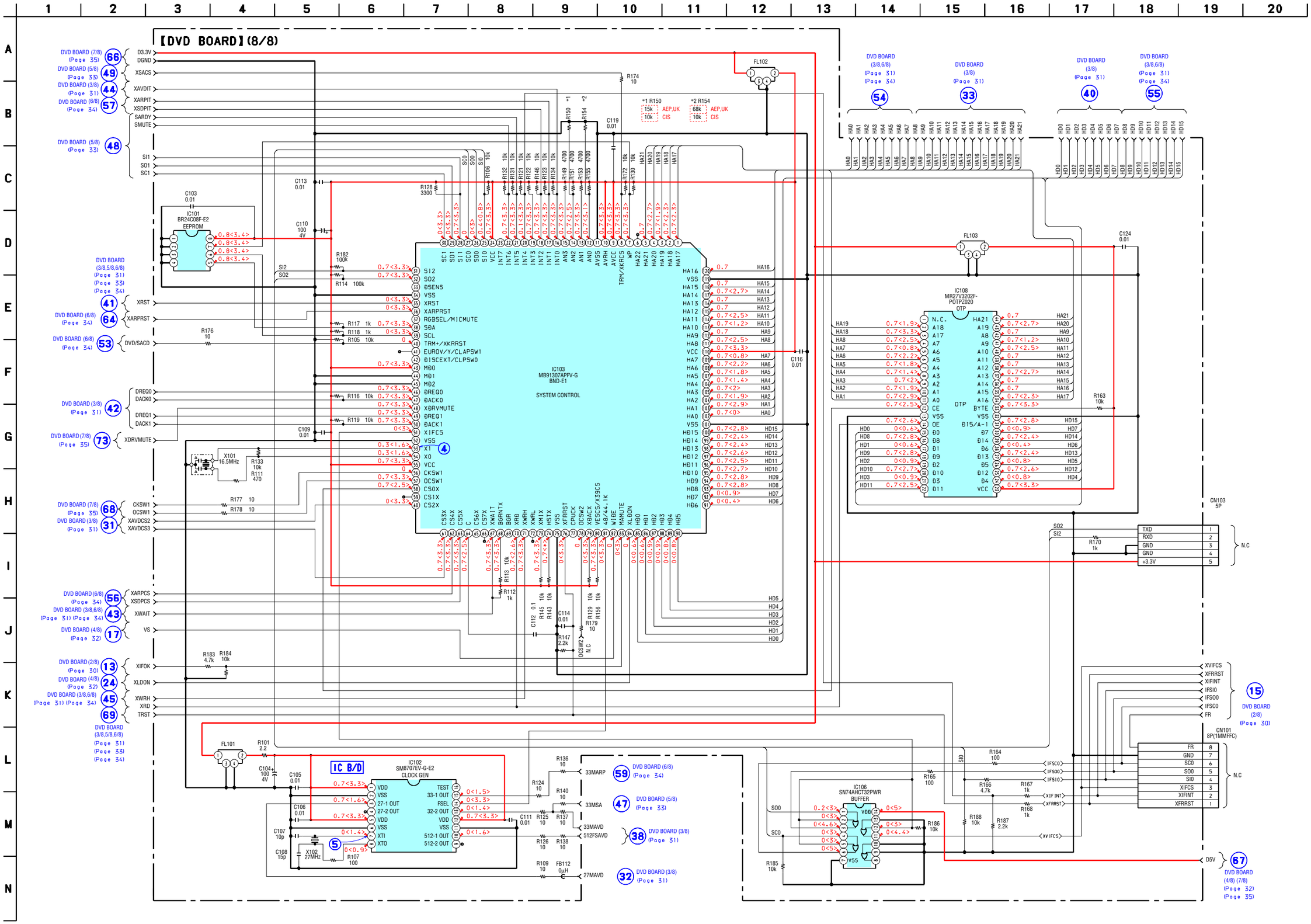


6-12. SCHEMATIC DIAGRAM – DVD (7/8) SECTION –



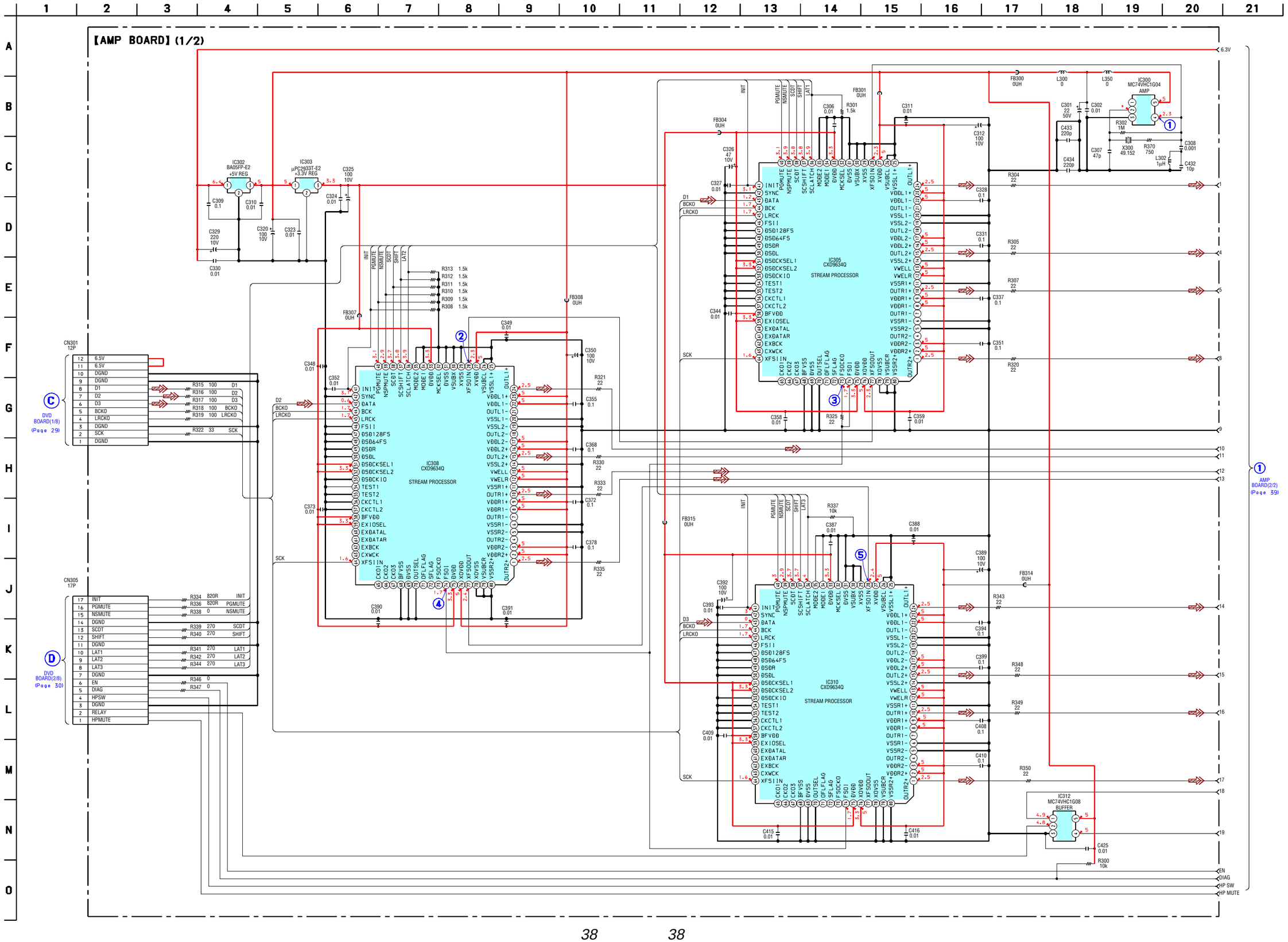
6-13. SCHEMATIC DIAGRAM – DVD (8/8) SECTION –

• See page 50 for IC Pin Function Description.

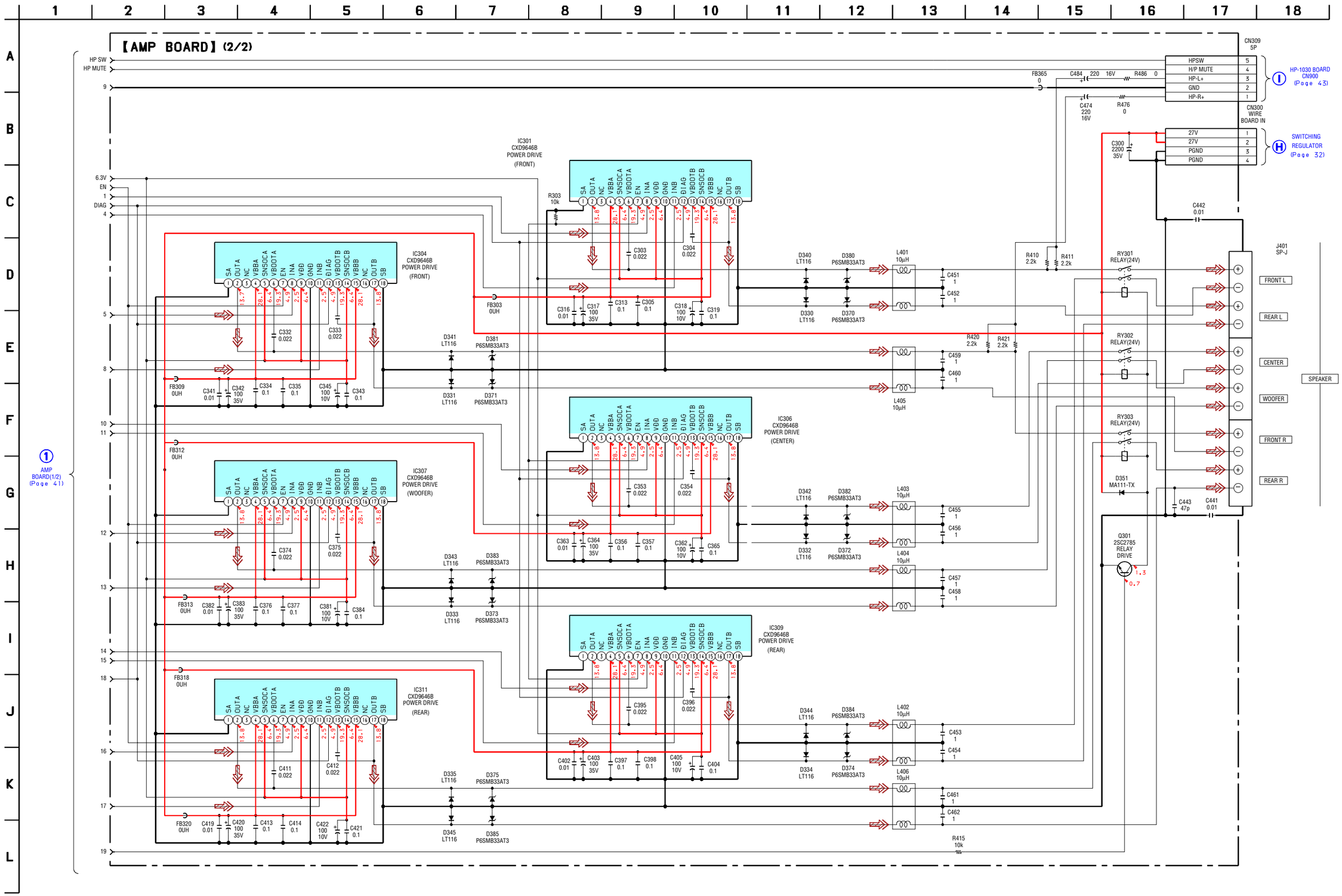


6-15. SCHEMATIC DIAGRAM – AMP SECTION (1/2) –

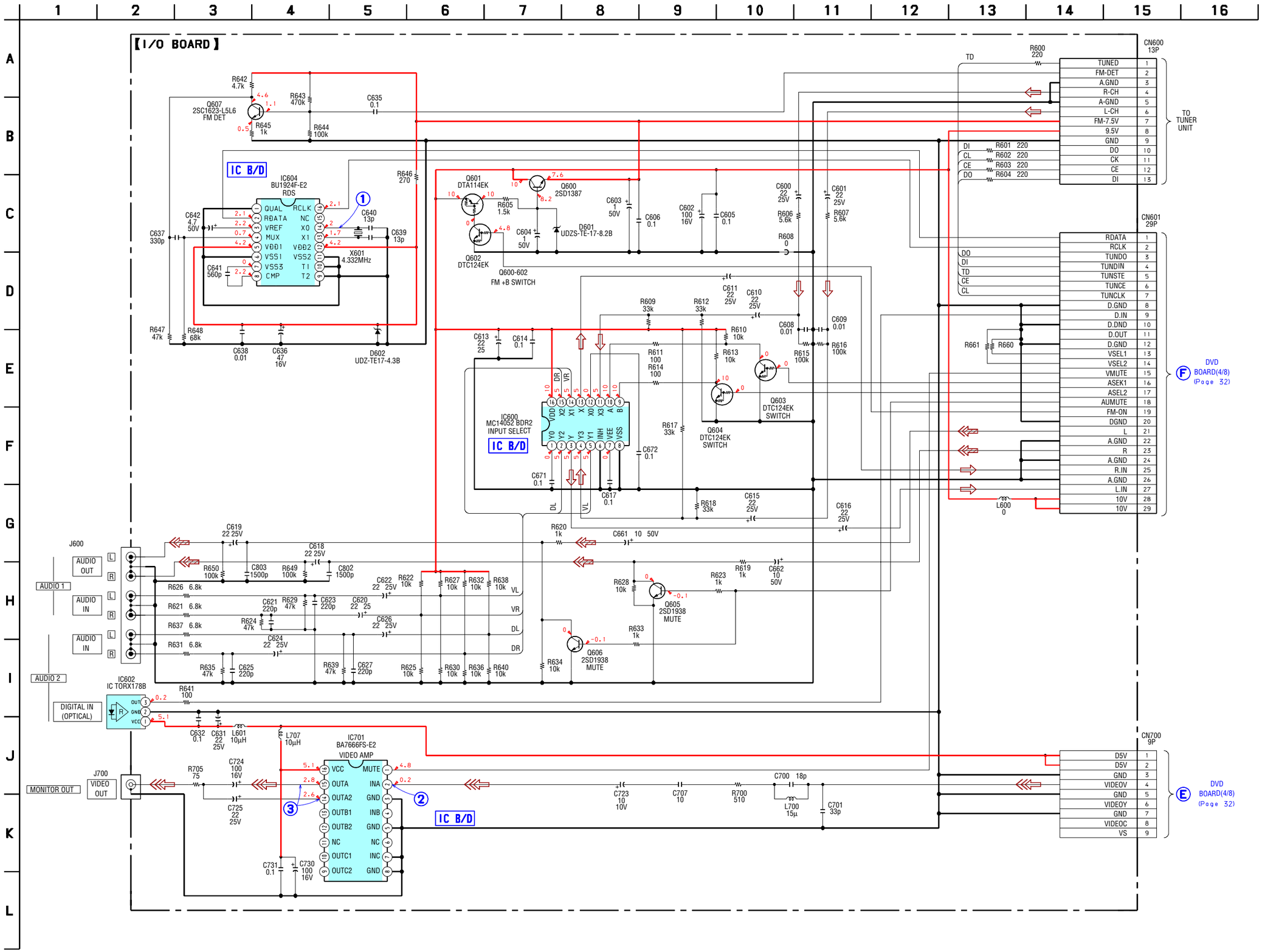
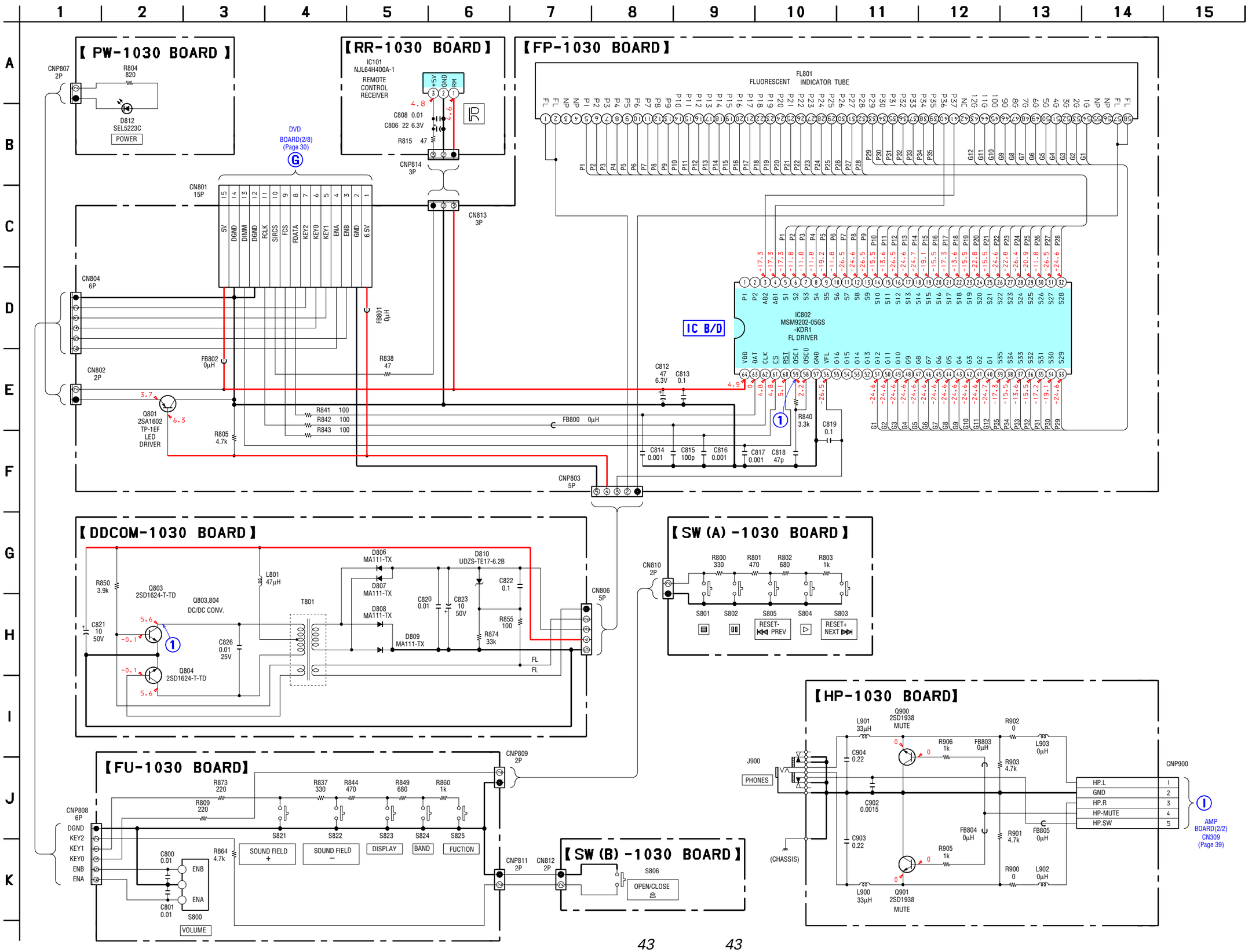
【AMP BOARD】(1/2)



6-16. SCHEMATIC DIAGRAM – AMP SECTION (2/2) –



6-18. SCHEMATIC DIAGRAM – I/O SECTION –



6-20. SCHEMATIC DIAGRAM – PANEL SECTION –